

**BAM - 300D**

**USER GUIDE**

 **Bell Atlantic Mobile**

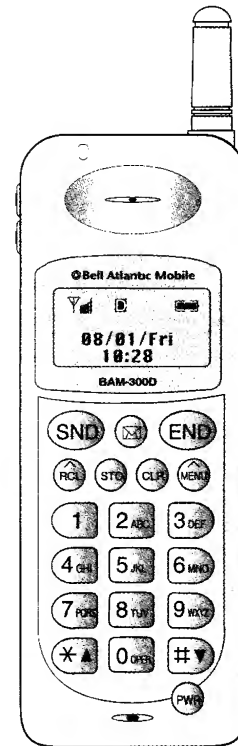


 **Bell Atlantic Mobile**

# **Bell Atlantic Mobile**

Please read this manual before you use this product.

## BAM-300D



## Bell Atlantic Mobile

This manual is based on the production version of the BAM-300D telephone. Software changes may have occurred after this printing.

Bell Atlantic Mobile reserves the right to make changes in technical and product specifications without prior notice.

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## ● Highlights

Congratulations on your purchase of the BAM-300D phone that has been designed to operate on the latest digital mobile communication technology, Code Division Multiple Access (CDMA). This CDMA digital technology has greatly enhanced voice clarity and can provide various advanced features. The BAM-300D is a dual mode phone that can operate also on the analog cellular systems (Advanced Mobile Phone Service - AMPS). It is a new and compact phone with many useful features including:

- Large, easy-to-read, 3-line, backlit LCD with status icons
- Paging, Messaging, Voice Mail, and Caller I.D. capable
- 20-button lighted keypad
- Exceptionally long battery life using state-of-the-art Lithium-ion battery technology and ultra-power saving circuit.
- Choice of 4 ring sounds and 6 melodies.
- Menu-driven interface with prompts for easy operation and configuration
- Call privacy inherent with CDMA encoding (in CDMA Mode)
- “Any key” answer, auto-redial, one-touch and speed dial with 99 memory locations
- Optional accessories

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## ● Important Information

This User's Guide contains important information on the use and operation of this phone. Please read all of the information carefully for optimal performance and to prevent damaging or misusing the phone.

Any changes or modifications not expressly approved in this User's Guide could void your warranty for this equipment.

### \* *Check Components*

Each Standard unit comes with the BAM-300D Phone, a two-slot desk top charger, a handstrap, and one standard battery pack. Please make sure that these components are present.

Available optional accessories include:

- Larger extended battery
- Travel charger
- Hands-free carkit
- Cigarette lighter adapter
- Data accessories(RS-232C data cables and PCMCIA fax/modem data adapter)
- Carrying case

**Fully charge the battery before the first use of the phone.**

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## \* *Optimal Phone Performance*

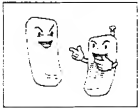
To gain the best performance possible when operating your phone:

- Extend the antenna fully.
- Do not hold the antenna at any time.
- Do not use the phone with a damaged antenna.
- Speak directly into the microphone.

## \* Caution



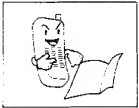
Using the phone in close proximity to receiving equipment (i.e., TV or radio) may cause interference.



Keep your phone in a safe place when not in use.



Use only the batteries, antennas, and chargers provided by Bell Atlantic Mobile.



Only authorized personnel should service the phone and its accessories. Faulty installation or service may be dangerous and may invalidate the warranty.



Do not hold the antenna while the phone is in use.



Do not use the phone in designated "no cellular phones use" areas.



Avoid exposure to high temperature or humidity.



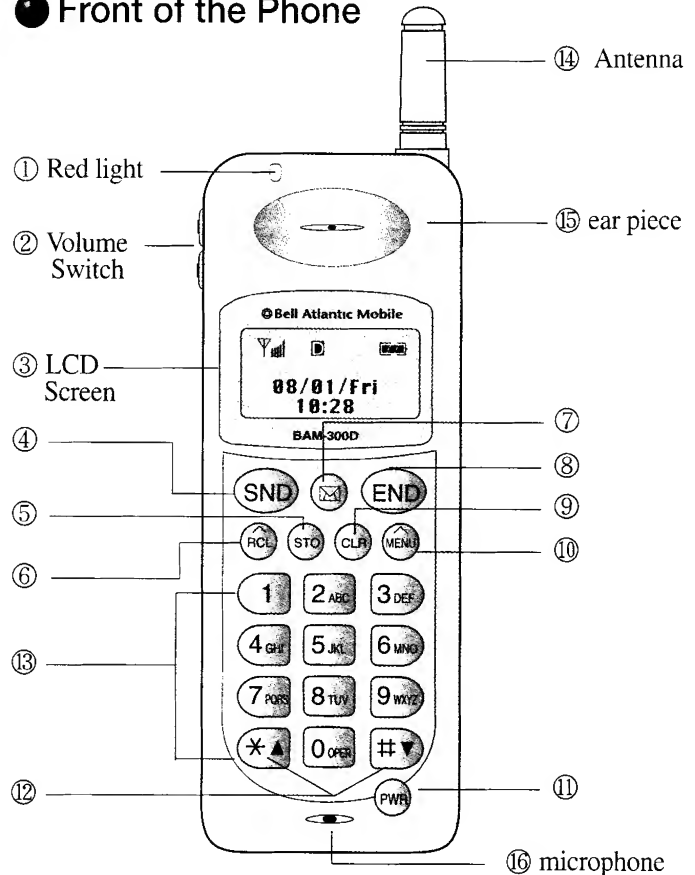
Avoid wetting your phone with any liquids. If the phone gets wet, turn the power off immediately and remove the battery pack. If the phone is inoperable, then return to the dealer for service.












Avoid shock or impact.

This section provides a quick start introduction to the BAM-300D. It includes illustrations and descriptions of the important phone parts and instructions on getting your phone powered up and ready to use.

## ● Front of the Phone

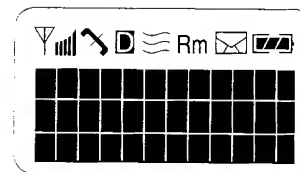


## \* Phone Parts and Function key Descriptions

① Red light		Light-up when using Power Key to turn on the phone and when there are incoming calls and messages.
② Volume Switch		Adjusts volume and can also be used to scroll through menus.
③ LCD Screen		Displays messages and indicator icons.
④ SEND		Places and receives a call.
⑤ STO		Stores your configuration settings or phone numbers into memory usually at the end of the setting process.
⑥ RCL		Recalls and searches phone numbers in memory. It is also used as a soft key while retrieving messages.
⑦ Message		Retrieves messages, pages, and voice mail.
⑧ END		Disconnects a call. Also exits all the way out of a menu back to the phone's standby display without changing any setting.
⑨ Clear		Clears letters, numbers or returns to the previous menu option. Press once to erase one character. Press and hold to erase all characters. Press and hold to go back to the standby display.
⑩ MENU		Displays menu features and is also used as soft key while retrieving messages.
⑪ POWER		Turns power on and off.
⑫ Scroll		Scrolls through the memory locations and menu items.
⑬ 1,2,3,...keys		Enters numbers, characters, and chooses menu items.

## ● LCD Icons

The LCD displays icons at the top of the LCD screen. Different indicators appear based on the phone's operating mode.



### Signal Strength

The more signal strength lines appearing on the display, the stronger the signal strength will be.



### No Service

The Phone is not receiving system signal.



### In Use

Call is in progress.

\* No Icon indicates the phone is in standby.



### Digital indicator

Digital service is available.



### Message

Message or page waiting.



### Roaming

The Phone is outside of its home service area.



### [Charge level]

Indicates Battery Charge Level.

## ● Using the Battery Pack

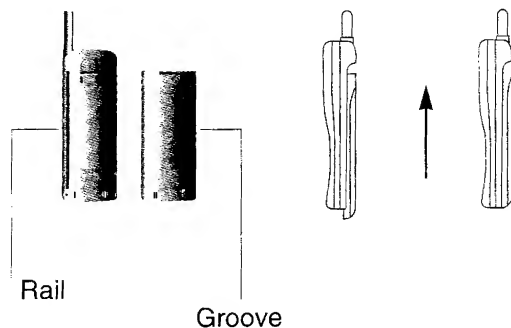
**Fully charge the battery before the first use of the phone.**

The phone comes with a rechargeable battery pack. The battery pack is not fully charged so one must charge it immediately after purchasing the phone. Keep the battery charged when not in use in order to maximize talk time and standby time when using the phone remotely.

### \* *Installing the Battery*

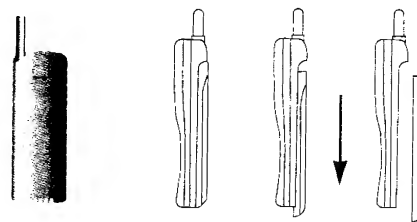
The Battery pack is keyed so it can only fit one way.

1. Align the groove in the battery pack with the rail on the back of the phone until the battery pack rests flush with the back of the phone.
2. Slide the battery pack forward until it clicks. This locks the battery in place.



### \* *Removing the Battery*

1. Turn the power off. (If power is not off, a loss of stored numbers and messages may occur.)
2. Push and hold down the battery release latch on the back of the phone and slide the battery down and out.

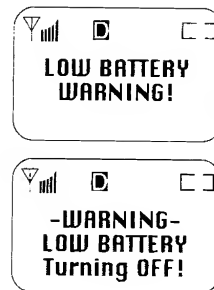


### \* *Battery Charge level*

The battery charge level is shown at the top right of the LCD screen on the phone.



When the battery charge level becomes low, the low battery sensor will alert you in three ways: sounding an audible tone, flickering the battery icon and displaying "LOW BATTERY WARNING". If the battery level becomes too low, the phone will automatically switch off and any function in progress will not be saved.





## \* Using the Desktop Charger

The BAM-300D desktop charger has two slots for recharging batteries. The rear smaller slot is for individual battery packs and the larger front slot is for charging the battery pack while it is attached to the phone.

*Warning: Only use the desktop charger provided with the phone. Using the wrong charger may cause damage to your phone or battery.*

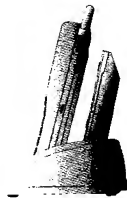
1. Plug the charger into a wall outlet.

- \* The charger can be operated from either a 110V or a 220V source.
- \* When AC power is connected to the desktop charger, both the green and red LED's blink once.



2. Insert the phone with the installed battery pack or a spare battery pack into the individual battery pack slot.

- \* Red light indicates battery is being charged.
- \* Green light indicates battery is fully charged.



If completely discharged, the battery will charge in approximately  $1\frac{1}{2}$  hours for the standard battery and  $2\frac{1}{2}$  hours for the extended battery. If you leave the phone on while it is in the desktop charger, the battery will take longer to charge.

## \* Caring for the Battery

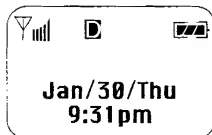
- You do not need to completely discharge the battery before recharging. Unlike other battery systems, there is no memory effect that could compromise the battery's performance.
- Use only Bell Atlantic Mobile chargers. Bell Atlantic Mobile's chargers are designed to maximize the battery life performance.
- Do not disassemble or short-circuit the battery pack.
- Do not charge the battery pack in temperatures outside of 32° F to 122° F (0°C to 50°C).
- Keep the metal contacts of the battery pack clean.
- Replace the battery when it no longer provides acceptable performance. The battery pack may be recharged hundreds of times before it will need to be replaced.
- Recharge the battery if it has not been used for a long time to maximize usability.
- Do not expose the battery charger to direct sunlight or use in places with high humidity, such as the bathroom.
- Do not leave the battery in hot or cold places, which may diminish the battery performance.

## ● Turning the Phone On and Off

### \*Turning the Phone On

1. Install a charged battery pack or connect the phone to an external power source such as the cigarette lighter adaptor or car kit.
2. Press **(PWR)** for a few seconds until the red light at the top of the phone flashes.

- LCD displays the initial screen and a “beep” sound will alert you.
- If the LCD displays “-Lock Phone-”, see “Set Lock” under Menu Features.

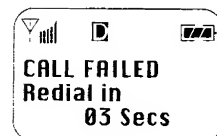
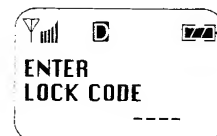
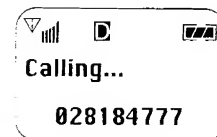
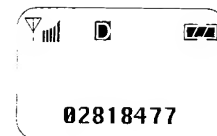


### \*Turning the Phone Off

1. Press and hold **(PWR)** until nothing is displayed on the LCD and then release the button.
2. Protect the antenna by pushing it back into the phone, if extended.

## ● Making a Call

1. Make sure the phone is turned on.  
If not, press **(PWR)**.
2. Enter the phone number with area code if needed.
3. Press **(SND)**.
  - If the phone connects to the System, you will hear “Call Alert tone.” (See Call Alert under Alerts of the Features menu.)
  - If the phone is locked or the number you have dialed is restricted, enter the Lock Code.
  - “Call Failed” indicates that the call did not go through.
4. Press **(END)** to disconnect the call.

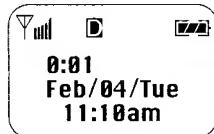
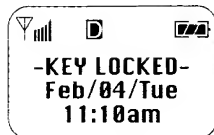
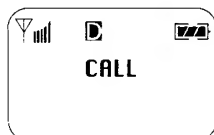


## ● Correcting Dialing Mistakes

1. Press **(CLR)** to erase the most recent digit or letter.
2. Press and hold **(CLR)** for at least one second to delete all digits or letters.

## ● Receiving Calls

1. Press any key (except **(PWR)** or Volume Keys) to answer.
2. Press **(END)** to disconnect the call.



## ● Call Waiting

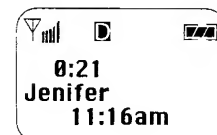
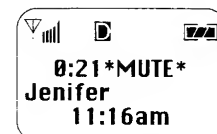
Your cellular service may offer call waiting. When you are in a call, you may hear two beeps indicating another incoming call. When call waiting has been activated, you may put the active call on hold as you answer another incoming call. Check with your cellular service provider for more information on this feature.

1. Press **(SND)** to receive a waiting call.
2. Press **(SND)** again to switch between calls.

## ● Mute

This function prevents your voice from being transmitted, but you can still hear other party.

1. Press **(MENU)** and **(1)** while in a call.
2. To release Mute, press **(MENU)** and **(1)** again.




## ● Redialing Last outgoing number

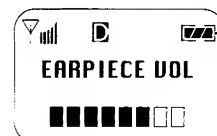
1. Press **(SND)** to redial the last dialed number.

- You can also redial any of the last ten numbers you have dialed. Last 10 numbers are stored in the call history.(See Recent Call History List).

## ● Adjusting the Volume

The volume buttons  on the left top side of the phone can be used to adjust earpiece, ringer and key tone volumes. The upper button increases and the lower button decreases the volume.

- You may adjust ear piece volume while you are in a call.

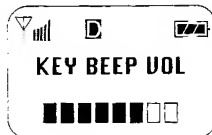
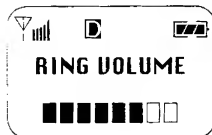


- Adjusting ringer volume while the phone is ringing.

- If you adjust the ringer volume to minimum, LCD displays “- Ringer Off-” and you won’t hear the ringer sound.

- Ringer volume can also be adjusted in the Menu Feature.

- Adjusting key tone in stand-by mode.



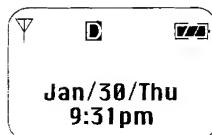
## ● Signal Strength

The quality of calls depends on the signal strength in your area. The stronger the signal, the better the call quality. The signal strength icon indicates the current strength as a number of bars.

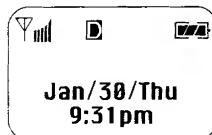
If you are outside of service area, the “No service” icon will be displayed. No calls can be made or received, including emergency calls.

Raise the antenna when the signal strength is weak.

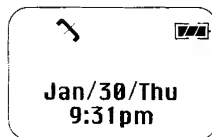
If you are in a building, the reception may be better near a window.



Weakest Signal



Strongest Signal

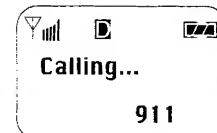


No Signal received

## ● Emergency Dialing

As long as your phone is registered on a system, You can place calls to 3 emergency numbers including 911-even if your phone is locked or restricted.

1. Press **9** **1** **1** .
2. Press **SND** .

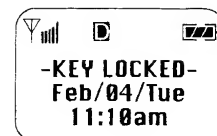


Please check the available emergency numbers with your service provider.

## ● Key Lock

This function allows you to carry the phone safely without accidentally dialing a number.

1. Press and hold **MENU** for about 2 seconds until -KEY LOCKED- is displayed.
2. To deactivate Key Lock, press **MENU** for approximately 2 seconds again.
3. You can receive a call as normal by pressing any key when key Lock is activated



## ● Viewing Your Telephone Number

1. Press **MENU** and **0** .

## ● Two types of Phone Books

You can store up to 99 numbers into the Phone Book providing easy access to your most frequently dialed phone numbers. There are two types of phone books: Personal Phone Book Memory and Recent Call History List.

## ● Personal Phone Book Memory

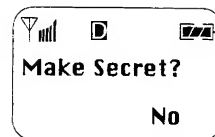
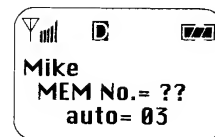
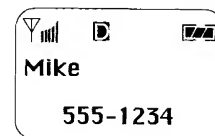
The phone has 99 personal phone book memory locations where you can store up to 32 digits with an associated name of up to 12 characters.

### \* Saving Numbers to Your Personal Phone Book

Memory locations 1 through 9 should be used for one-touch dialing of your most frequently used phone numbers.

1. Enter the phone number that you want to save (up to 32 digits).
2. Press **(STO)**, the cursor will appear on the first line at the upper left hand corner indicating that the phone is in Alpha mode.
3. Enter a Name (up to 12 Characters) corresponding with the phone number (see Entering Characters for more information and then press **(STO)**). If you don't want to enter a name, press **(STO)** to proceed before entering characters.

4. The phone will ask you the memory location where the number will be saved. Press **(STO)** to automatically store the number in the first available memory location. Or, you also have the option to enter a specific two digit memory location number. Press **(STO)** after entering the desired location number.



5. The phone will ask whether you want to keep this number secret or not. Setting memory locations to "Secret" hides the phone number and only displays the name. "Secret" memory locations can only be deleted, not edited. Select "Yes" or "No" using **(\*)** or **(#)**.
6. Press **(STO)** to save the number in the memory location.

## ● Entering Characters

1. Press the key labeled with the letter you want.
2. Press the same key repeatedly to change the letter or number in the flashing cursor position on the screen. When you have the correct letter or number in position on the screen, wait two seconds for the cursor to automatically advance to the next space. To correct any mistakes move the cursor to the left or right by pressing **(\*)** or **(=)**. Press **(CLR)**.

## \* Punctuation Characters

You can use any of the 27 special characters while you are entering names for phone book storage or editing.

1. Follow the instructions for Entering Characters.

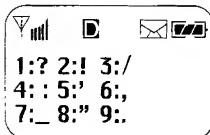
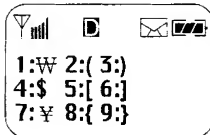
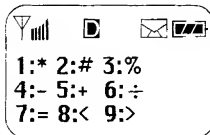
2. When you want to enter a punctuation character, press **(☐)**. You will then see a list of the punctuation characters.

3. Press the **(\*)** or **(=)** to see all 27 characters available.

4. Press the number next to the character you want to insert.

5. Continue entering any other characters.

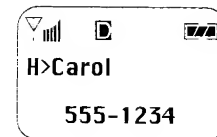
6. Press **(STO)** when you're finished.



## \* Using Upper or Lower Case Letters

When entering a name, you can use both upper and lower case letters. By default, letters will be displayed in upper case. Follow appropriate steps to bring up the cursor for entering lower case characters.

1. Press **(MENU)** once to change from upper to lower case.
2. Enter letter(s)
3. Press **(MENU)** to return to upper case.
4. Press **(STO)** when you're finished.



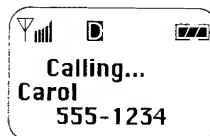
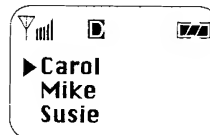
## ● Recent Call History List

The phone keeps a list of the last 10 calls you have made or added, so you can redial any of these numbers quickly and easily.

## \* Retrieving Recent Call History

1. Press **(RCL)** twice.

2. Press **(\*)** to **(=)** scroll through the last ten calls until the arrow prompt is at the number you want to call.



3. Choose one of the following options:

- \* Press **(SND)** to place the call.
- \* Press **(MENU)** to see specifics of the call. To save the number to a memory location, Press **(STO)**, then cursor will appear on the screen. Follow the steps for saving numbers to your personal phone book.

If a name appears in the recent call history, it already occupies a memory location.

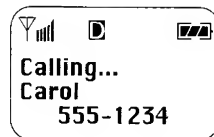
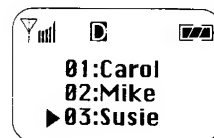
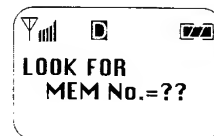
## ● Retrieving Numbers

### \* Retrieving One Phone Number by Memory Location Number

1. Press **(RCL)**.
2. Enter the two-digit memory location number if you already know the memory location. The phone number and the stored name in that memory location will be displayed.
  - \* Single digits must be entered with a zero(e.g. 01, 02, 03....)
  - \* "Empty Location" will be displayed if the location is empty.
3. Press **(SND)** to place the call.

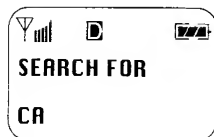
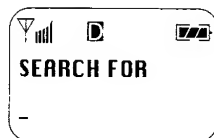
### \* Retrieving all Stored Memory Locations

1. Press **(RCL)**.
2. Press **(\*)** or **(=)** to scroll through the memory list until the arrow prompt is at the number you want to dial.
3. Press **(MENU)** to see specifics in that memory location.
4. Press **(SND)** to make a call.



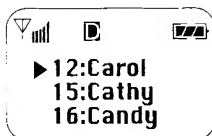
### \* Retrieving by Name Search

1. Press **(RCL)**.
2. Press **(MENU)**.
3. Enter the letter(s) that you want to look for. At least two letters are recommended for a quick search.

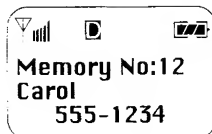


4. Press **(STO)**.

\* The phone searches for the names with those letters. You will see a list of matches.



5. Press **(\*)** or **(=)** to scroll through the list.

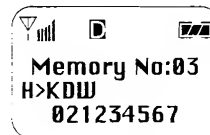


6. Press **(MENU)** to view information in that location or press **(SND)** to place a call.

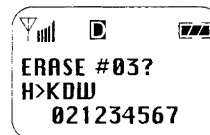
## ● Changing the Personal Phone Book

### \* Deleting Phone Numbers in Memory

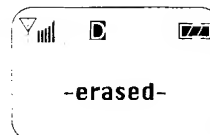
1. Retrieve and view the memory location you want to delete. Follow the steps for "Retrieving Numbers" on pages 24 thru 26.



2. Press **(RCL)**. The LCD screen will display "Erase (number)?" to make sure that you want to delete the memory location. If the memory location is secret, the phone will ask you to enter "Lock Code".



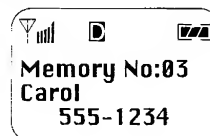
3. Press **(STO)** or enter your Lock Code.



4. "Erased-" will be displayed to confirm that the entry has been erased. You can store numbers into erased memory locations.

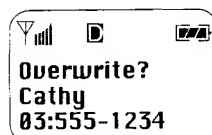
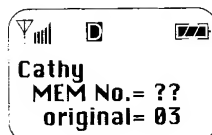
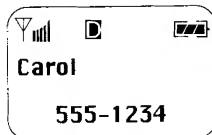
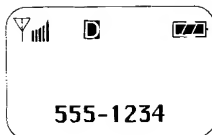
### \* Editing a Stored Memory Location

1. Retrieve and view the memory location you want to edit. Follow the steps for "Retrieving Numbers" on pages 24 thru 26.





2. Press **(MENU)**. Then only number will appear on the screen.  
\* "Secret memory location can not be edited."
3. Press **(CLR)** to clear the number to be edited.
4. Enter new number(s).
5. Press **(STO)** to store a new number in memory. Stored name will then appear on the screen.
6. Edit the name using **(\* ▲)** or **(▼ =)** to move the cursor, the keys to enter characters, and to erase the current characters.
7. Press **(STO)**. The phone will then ask you whether or not to store the number into original memory location.
8. Press **(STO)** to overwrite the original memory location displayed.
9. Press **(STO)** again to confirm the overwrite or **(END)** to cancel.
- 10 The phone will display a message asking to keep your number a secret or not. Select "NO" or "YES" using **(\* ▲)** or **(▼ =)**. Then press **(STO)**.



## ● Dialing Numbers from your Phone Book

You can make a call using any memory location either by speed dialing from the list or by pressing **(SND)** while viewing the full contents of the memory location.

### \* One-Touch Dialing

One-touch dialing is a convenient feature which enables you to dial numbers in your personal phone book through one key press (for memory location 1 to 9). You may store most frequently dialed numbers.

1. Press and hold the key (1 to 9) corresponding to the memory location for a few seconds.

### \* Two-Touch Dialing(Speed Dialing)

This feature enables you to dial numbers in your Phone Book using two key presses(for locations 10 to 99).

1. Press the first digit.
2. Press and hold the key for the second digit.

### \* Dialing from a Memory List

1. Press **RCL**.
2. Search and find the memory location you want, using **\*▲** or **▼=**.
3. Press **SND**.

### \* Dialing from a Memory Location

1. While viewing any memory location, press **SND**.

## ● Advanced Phone Book Features

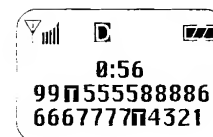
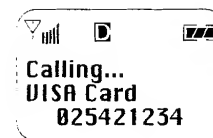
### \* Pause Feature

When you call automated systems (such as voice mail or credit card billing numbers), you often have to enter a series of numbers. Instead of entering the numbers by hand, you can store the numbers in your phone book separated by special characters called pauses. There are two kinds of pauses:

- Hard pause(H) : The phone pauses until you press **SND** to go to the next number.
- Timed Pause(L) : The phone will pause two seconds before sending the next set of numbers. Each additional timed pause will add two more seconds to the pause length.
- Hyphens : Hyphens are used for appearance only (e.g. 1-800-555-1234). They will not add a pause between numbers.

### \* Storing a Number with Pauses

1. Enter the phone number.
2. Press **✕**.
3. Select from the following:
  - \* Press **1** for Hard Pause.
  - \* Press **2** for Timed Pause.
  - \* Press **3** for Hyphens.Hyphens WILL NOT pause a number.
4. Enter additional number(s) (e.g. pin number or credit card number).
5. Press **STO** to save this number with pauses.



### \* "Prepending" a Stored Number

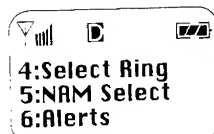
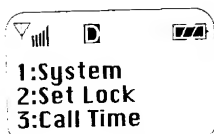
"Prepend" can be used if you are out of your home system and need to add the area code to an existing phone book number. When a phone book entry, call history, or message callback number shows up on the display, you can make additions to the beginning of the original number. However, you can't edit the original number during "Prepending."

1. Recall a number in memory.
2. Enter the appropriate digits to prepend the stored number. Digits entered will be inserted before the recalled number.
3. Press **SND** to dial the prepend numbers and the phone number.

## ● Main Menu

Menus allow you to check or change the phone's various features and settings.

This section describes the various menu items. The main menu looks like the following:



## ● General Guidelines to Menu Access and Settings

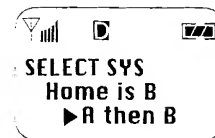
1. Press **(MENU)**. Then the first 3 menu items will appear.
2. Press **(\*)** or **(V)** to go through the list of menu features.
3. Press the number corresponding to the menu item that you want to select. Then the submenu list will appear on the screen.
4. Press the appropriate number key to select the submenu you want to access.
5. Select preferred settings, using the **(\*)** and **(V)** keys. Press **(CLR)** to go one step backward while accessing menu or selecting settings.
6. Press **(STO)** to save the setting or **(END)** to cancel without saving.

## ● Menu Item Descriptions

### \* Menu 1 System

#### Menu 1 1 System Selection

This feature allows you to select system band A or B depending on which your phone operates. In each cellular service area, there are usually two service providers referred to as A side and B side carrier respectively. Your service provider will inform you of which system you should use. This is your home system. The roaming icon indicates that you are using the phone out of your home area.



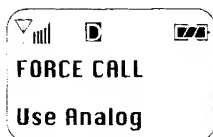
#### Setting the System

1. Press **(MENU)**, then press **(1)**.
2. Select preferred setting, using **(\*)** and **(V)** keys.  
A or B only means that your phone will operate only on system band A or B. A then B(B then A) means that the phone will attempt to make a call to system A(system B) before trying to make a call to system B(system A). Home only means that the phone will operate only on your home system. (your home system is displayed on the screen.) Standard means that the phone will attempt to make a call to home system before trying non-home system.
3. Press **(STO)**.

### Menu 1 -2 Force call

This feature forces the phone to switch to Analog areas where both Digital and Analog Systems are available.

1. Press **(MENU)** , then **(1)** **(2)** .
2. Press **(STO)** .



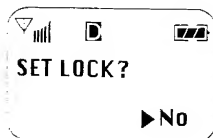
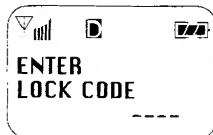
### \* Menu 2 Set Lock

This feature locks the phone from use. When locked, you can only make emergency calls(see Emergency Dialing) or receive incoming calls. All other functions of the phone are disabled. Code to see what is in the Set Lock menu. The factory initially programs your phone with the lock code "0000". Your cellular telephone company will replace this code with the last four digits of the phone number they assign you. You can also replace this code with a four digit number of your choice.

Locking your phone.

1. Press **(MENU)** , then press **(2)** .
2. Enter the lock code(4 digits).
3. Select from the following, using **(\*)** **(▲)** or **(▼)** **(=)** .

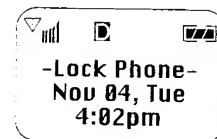
\* Yes(now): Immediately locks the phone



\* Yes(pwr up): Locks the phone each time after it is turned on.

\* No: Phone will remain unlocked.

4. Press **(STO)** .

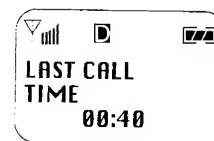


### \* Menu 3 Call Time

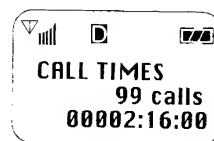
This menu allows you to see the number and duration of various kinds of calls.

1. Press **(MENU)** , then press **(3)** .
2. Press the appropriate key to see details.

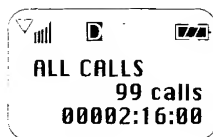
1-Last Call : Displays duration of last call in minutes and seconds.



2-Call Time: Displays the total number and time of all calls made while in the home system and while roaming. This can be reset by pressing zero(0).



3. All Calls : Displays the total number and time of all calls made while in the home system and while roaming. This is NOT resettable.

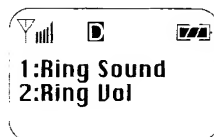


4. Press (STO) or (CLR) .

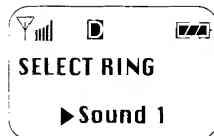
### \* Menu 4 Select Ring

This menu allows you to adjust the various ringer sounds and types.

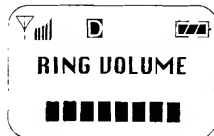
1. Press (MENU) , then press (4) .
2. Select from the following;



- 1-Ring sound : Select the ringer sound with (\*▲) or (▼=) keys or volume keys. The first four are ring sounds and the remaining six are melodies.



- 2-Ring volume : Adjust the ring volume with (\*▲) or (▼=) keys or volume keys.



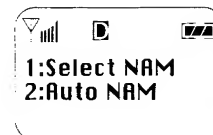
3. Press (STO) .

### \* Menu 5 NAM Select

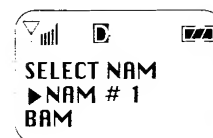
This allows you to set some of the cellular system network settings. The phone has four NAMs(Number Assignment Module).

Selecting NAM

1. Press (MENU) , and (5) .
2. Select from the following :



- 1-Select NAM : Select the phone's NAM. if the phone is registered with multiple services .



- 2-Auto NAM : Allows the phone to automatically switch to one of the programmed NAM's, if it is operating in the corresponding service provider area.



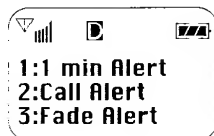
3. Press (STO) .

## \* Menu 6 Alerts

This feature will make the phone generate 3 kinds of alerts: 1min alert, call alert and fade alert. Inform the user of the various functions.

1. Press **MENU**, and **6**.
2. Press the number key (1 to 3) corresponding to the alert you want to activate.

1-1min Alert : Alerts you every 10 seconds before the end of every minute during a call.



2- Call Alert : Alerts you when a call is being made from your phone.



3-Fade Alert : Alerts you when you lose a call or lose service.



3. To activate, select "ON" using **\*▲** and **▼=**.



4. Press **STO**.

## \* Menu 7 Security

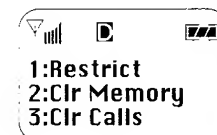
You must enter the lock code to see what is in the security menu. The factory initially programs your phone with the lock code "0000". Your cellular telephone company will replace this code with the last four digits of the phone number they assign you. You can also replace this code with a four digit number of your choice.

## Setting Security

1. Press **MENU**, and **7**.



2. Enter the lock code(4 digits).

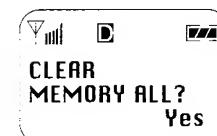


3. Press the number key corresponding to one of the following submenu items you want to activate or set.

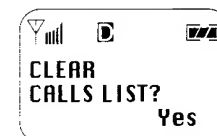
- 1- Restrict : Sets phone use restrictions to "yes" or "no". If set to "yes", you can only make calls to emergency numbers and from phone book memory locations 1 to 9. You will still receive calls in restrict mode.



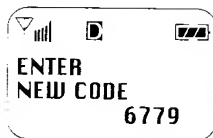
- 2-CLR Memory : Clears all call memory locations. Be careful when clearing all memory- you may lose stored numbers. The Emergency phone number cannot be cleared.



- 3-CLR Calls : Clears the call history list.



- 4- Sec Code : Allows you to enter a new four digit lock code number. For confirmation it will ask you to enter the new lock code twice. Press **(STO)** after each entry.

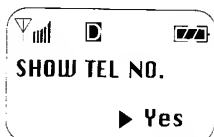


- 5-Send PIN : Select "prompt" or "never" with **(\*)** or **(v)** keys .

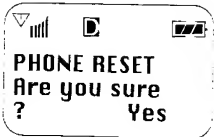


- \* If you select the "prompt", the phone will send PIN(Personal Identification Number) automatically. When you make a phone call, the phone will display "SEND PIN?". Press **(SEND)** once to send the PIN.

- 6-Disp TELno : Displays your phone number and name when you turn on your phone.



- 7-PhoneReset : Returns all settings to factory default values.

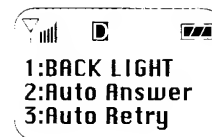


4. Press **(STO)** .

## \* Menu 8 Features

This menu allows you to check or change the phone's various features and settings.  
Setting Features

1. Press **(MENU)** . and **(8)** .



2. Select 1 to 8.

- 1-Back light: Adjusts LCD and keypad backlighting.

\* Always on

\* Always off

\* 10 seconds(Turns off 10 seconds after last key pressed.)

\* 30 seconds(Turns off 30 seconds after last key pressed.)



- 2-Auto Answer : Sets the phone to answer incoming calls automatically. This feature is most commonly used with a car kit. Select from the following using rings or melodies:

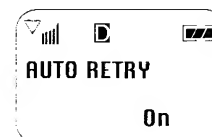
\* 1 ring or melody 5 seconds

\* 3 rings or melody 10 seconds

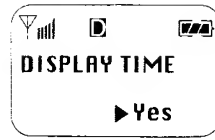
\* 5 rings or melody 15 seconds

\* off

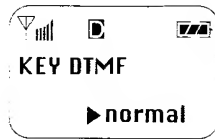
- 3-Auto Retry: Redials the phone automatically when the system is busy.



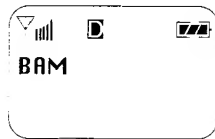
4-Disp Time: Choose “Yes” or “No” to display time. The time is provided by the network.



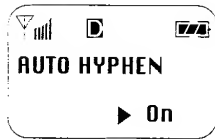
5-Key DTMF : Sets key beep playback length to either “long” or “normal”.



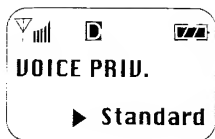
6. Init Name : Allows you to enter your own name to display while your phone is in stand-by mode.



7-Autohyphen : When “on” is selected, the phone automatically inserts hypens to be consistent with U.S. phone numbers.



8-Privacy : Sets the inherent voice privacy feature of CDMA phone call to either Enhanced and Standard.

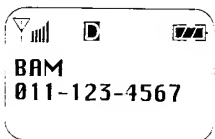


3. Press **STO** .

## \* Own TEL No

Displays your registered phone number.

1. Press **MENU** . then press **0** .



Messaging, Paging, and Voice mail features are available when your phone is turned on. Using the allows you to access messages for viewing on the LCD screen. While viewing a message, you can return the call with the number provided in the message by pressing **SND** .

The phone can store up to 23, 60 character messages in the phone’s memory. However, the number of messages stored will be reduced if there are more than 60 characters in a message.

Check with your cellular service provider regarding the availability of this feature. The information in a message depends on the mode the phone is operating in and the service’s capabilities.

There are three types of messages you can retrieve by pressing :

Message-usually contains text.


Page-usually contains digits.

Voice mail-indicates that you have voice mail waiting. You must call your voice mail number to retrieve those messages.



## ● New Message Alert

The phone will alert you to new messages in four ways:






- Displaying a message on the screen
- Five short beeps(if enabled)
- Flashing the red light on the earpiece
- Displaying the  on the LCD screen. If the message is marked urgent, the icon will flash and there will be asterisks on either side of the message.

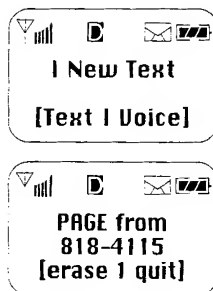
### \* Acknowledging Messages






1. Press any key.
  - \* The phone will return to its normal display. The red light will continue to flash and a beep will occur periodically until the new message is retrieved.

## ● Viewing Pages and Messages

### \* Reading Text Messages


1. Press .
2. Press  to view TEXT messages to view the messages in the order they were received unless they were marked urgent. Urgent messages are displayed first. Messages will automatically scroll page by page. To manually scroll through the message line by line, press  or . At the end of the message, press .




3. Press  under erase to erase the message, press  again.
4. Press  to place the call to the callback number.
5. Press  and  to quit.







### \* NOTE

When there are no new messages, the phone will display a list of previously saved messages.

When viewing a callback number, you can save the number in your phone book memory by pressing . However, the number is already saved in your phone book if there is a name displayed on the line above the callback number. If you do save the callback number, then you will be returned to the callback number screen.

Pressing  (or prepending the number with an area code) will place the call.

### \* Reading Previous Messages


1. Press .
2. Press  under TEXT. This displays the list of previous messages. Each line will show the first 11 characters of the messages.
3. Press  or  to select a message.
4. Press  under ERASE. This erases the message and goes to the next message or press  under VIEW. This lets you view the message.

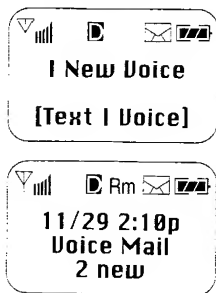
5. While viewing the message or with the arrow pointing to the desired message, you can press **(SND)** to place a call to the callback number, if provided.
6. Press **(MENU)** under QUIT. This brings you back to the list of previous messages.

## ● Voice Mail Notifications

Voice mail notifications indicate the number of new voice mail messages in your mail box. Only the most recent voice mail notification will be stored in the phone; previous messages will be overwritten. When a voice mail message is left for you, the phone will ring and the red indicator light will blink. You must call your voice mail service to retrieve these messages.

### \* Retrieving Voice Mail Notification Messages

1. Press .
2. Press **(MENU)** under VOICE to view information about your voice mail messages. Urgent messages are displayed first. The phone will automatically scroll page by page. To manually scroll, press **(\*)** or **(V)**.
3. Press **(SND)** to call back your voice mailbox if the number of the voicemail box is provided by system.



4. Once you are connected listen to the instruction to retrieve your voice mail messages. You will need your lock code to retrieve your message(s).

## ● Low Memory Warning

The phone will alert you when the amount of available message memory is less than 25%. Although the phone can still receive new messages, you should erase messages you no longer need to avoid running out of memory.

## ● Out of Memory Warning

When the phone has no more available message memory, it can no longer accept new messages. When this occurs, the phone will display a "NOT ENOUGH MEMORY! MSG rejected" message.

Caller I.D. capability is included with the BAM-300D. It allows you to see the phone number of the person calling when your phone rings-only if the number has not been concealed using the Caller I.D. blocking feature. Check with your cellular service provider regarding the options available with this feature.

## ● Using Caller I.D.

When your phone rings, the LCD screen will display the number of the person calling you:

- If the incoming phone number has been blocked. "Number is Restricted" message will be displayed.
- If caller I.D. is not available, a "Number is unavailable" message will be displayed.
- If your phone is turned on and you either miss the call or choose not to answer it, a "Missed Call" message will be displayed. Missed call phone numbers are temporarily stored in call history and can be viewed later if the number has not been blocked.

## ● Stored Phone Numbers with Names

If you have stored a number and name in a memory location, each time that person calls, the name and number of that person will be displayed on your screen before you answer the call.

First introduced in 1984, the hand-held portable cellular telephone is one of the most innovative electronic devices ever developed. It gives you the freedom and convenience to stay connected to people that are important to you like your family or business partners. More importantly, emergency services are always just a phone call away.

## ● Radio Frequency (RF) Energy

Your BAM-300D telephone is a radio transmitter and receiver. When it is on, it receives and also sends out radio frequency(RF) energy. The phone operates in the frequency range of 824 MHz to 894 MHz. When you use your phone, the system handling your call controls the power level at which your phone transmits. The power level can range from 0.006 of a watt to 0.6 of a watt.

The design of the BAM-300D phone complies with the most recently updated American National Standards Institute(ANSI) standard for safety levels with respect to human exposure to RF energy. Experts from science, engineering, medicine, government health agencies, and industry developed the updated standard. This standard was adopted in March, 1993, by the U.S. Federal Communications Commission(FCC).

However, if you want to limit RF exposure further than the current ANSI Standard, you may choose to control the duration of your calls and operate your phone in the most efficient manner.

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## ● Driving Safety Tips

Talking on the phone while driving is extremely dangerous and is illegal in some states. Check the laws and regulations for using this phones in the areas you drive. Remember that safety comes first.

If you use the phone in a car;

- Pull off the road and park before making or answering a call.
- If it is unsafe to pull off the road, give full attention to driving and use hands-free operation(available with the Travel kit accessories) or one-touch, speed dialing, and auto answer modes.

FAILURE TO FOLLOW THESE INSTRUCTIONS  
MAY LEAD TO SERIOUS PERSONAL INJURY AND  
POSSIBLE PROPERTY DAMAGE.

## ● Additional Safety Guidelines

Follow any special regulations in force in any given area. Turn off the phone wherever its use is forbidden or when it may cause interference or danger.

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## \* *Interference with Other Electronic Devices*

Most modern electronic equipment is shielded from RF energy. However, RF energy from this telephones may affect inadequately shielded electronic equipment. For example, RF energy may affect improperly installed or inadequately shielded electronic operating an entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF energy. You should also check with the manufacturer for any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices(such as pacemakers, hearing aids, etc.) to determine if they are adequately shielded from external RF energy.

## \* *Keep Phone Away from Children*

Do not allow children to play with your phone. Children could hurt themselves or others. They may also damage the phone or make unauthorized calls.

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## ● Restricted Use Areas

### \* *Medical Facilities*

Turn off the phone in health care facilities and request permission before using the phone near medical equipment.

### \* *Aircraft*

Turn the phone off before boarding any aircraft. Use it on the ground only with the crew's permission. Do not use the phone in the air. To prevent possible interference with aircraft systems, U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent interference with mobile phone systems, FCC regulations prohibit using your phone while the plane is in the air.

### \* *Blasting Areas and Two-way Radio Areas*

To avoid interfering with blasting operations, turn your phone off when in a "blasting area" or in areas posted: "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

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## \* *Potentially Explosive Environments*

Turn your phone off when in any potentially explosive environment. It is rare, but your phone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas that are potentially explosive environments are often, but not always, clearly marked. Then include fueling areas such as gas stations, below deck on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemical or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle, that contains your phone or accessories. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

# Summary Table

FUNCTION	STEPS
Power-on	[PWR]
Power-off	hold [PWR] (for about 2 seconds)
Making a call	Phone Number, [SEND]
Receiving a call	Press any buttons except [PWR] and volume keys
Volume Adjust	
- Key Tone	Press any numeric button and adjust with the volume key [▲]/[▼] on stand-by
- Ringing Sound	[MENU],[4],[2],[▲]/[▼]
- Ear piece	Adjust with the volume keys [▲]/[▼] while on line.
Selecting Ringing Sound	[MENU], [4], [1],[▲]/[▼], [STO]
Saving Phone Number	Phone Number, [STO], Name, [STO], Memory Location, [STO], [STO]
Deleting Phone Number	[RCL], Memory Location, [RCL], [STO]
Speed Dialing	After setting up speed dialing
One-Touch	Hold the last digit (1-9) of the memory location
Two-Touch	Press the first digit and hold the last digit of the memory location
Redialing	At connection failure, [END], [SEND]
Viewing your phone no.	[MENU],[0]
Call History	[RCL],[RCL]
Deleting Call History	[MENU], [7], Secret code, [3], [STO]
Mute	[MENU],[1] while on line
Last Call Time	[MENU], [3], [1], [STO]
All Calls Time	[MENU], [3], [3], [STO]
Minute Alert	[MENU], [6], [1],[▲]/[▼], [STO]
Backlight Setting	[MENU], [8], [1],[▲]/[▼], [STO]
Lock	[MENU],[2], secret code, [▲]/[▼],[STO]
New Code	[MENU],[7], secret code, [4], new secret code, [STO], new secret code, [STO]
Restrict	[MENU],[7], secret code [1], [▲]/[▼], [STO]
Banner	[MENU], [8], [6], logo, [STO]
Auto Answer	[MENU], [8], [2], [▲]/[▼], [STO]
Force Calls	[MENU], [1], [2], [STO]

Licensed by QUALCOMM Incorporated under one or more of the following Patents;  
 U.S. Patent No. 4,901,307 U.S. Patent No. 5,056,109 U.S. Patent No. 5,099,204  
 U.S. Patent No. 5,101,501 U.S. Patent No. 5,103,459 U.S. Patent No. 5,107, 225  
 U.S. Patent No. 5,109,390



# **IMITED WARRANTY CARD**

## **1. WHAT THIS WARRANTY COVERS :**

Bell Atlantic Mobile offers you a limited warranty that the enclosed subscriber unit and its enclosed accessories will be free from defects in material and workmanship, according to the following terms and conditions :

- (1) The limited warranty for the product extends for ONE(1) year beginning on the date of purchase of the product.
- (2) The limited warranty extends only to the original consumer purchaser of the product and is not assignable or transferable to any subsequent purchaser/end user.
- (3) The limited warranty extends only to consumers who purchase the product in the United States.
- (4) The external housing and cosmetic parts shall be free of defects at the time of shipment and, therefore, shall not be covered under these limited warranty terms.
- (5) Upon request from Bell Atlantic Mobile, the consumer must provide information to reasonably prove the date of purchase.

## **2. WHAT THIS WARRANTY DOES NOT COVER :**

- (1) Defects or damage resulting from use of the product in other than its normal and customary manner.
- (2) Defects or damages from abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Bell Atlantic Mobile, including damage caused by shipping, blown fuses, spills of food or liquid.

- (3) Breakage or damage to antennas unless caused directly by defects in material or workmanship.
- (4) That the Customer Service Department at Bell Atlantic Mobile was not notified by consumer of the alleged defect or malfunction of the product during the applicable limited warranty period.
- (5) Products which have had the serial number removed or made illegible.
- (6) All plastic surfaces and all other externally exposed parts that are scratched or damaged due to customer normal use.
- (7) Products operated outside published maximum ratings.
- (8) Products rented on a month-to-month basis.
- (9) Consumables(such as fuses).

### **3. STATE LAW RIGHTS:**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

### **4. HOW TO GET WARRANTY SERVICE :**

To obtain warranty service, please visit any Bell Atlantic Mobile Communications store.

